

REMARKS

This amendment is responsive to the Office Action mailed June 23, 2009 in connection with the above-identified patent application. Claims 1, 3 and 4 have been amended. Claims 2 and 5 have been cancelled.

Allowable Subject Matter

Claims 2, 3 and 5 were objected to as being dependent upon a rejected base claim, but were deemed allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Claim 1 has been amended to incorporate the limitations of claim 2. Claim 4 has been amended to incorporate the limitations of claim 5. Accordingly, claim 2 and claim 5 have been cancelled. Claim 3 depends from amended claim 1.

Because claim 2 contains allowable subject matter and amended claim 1 includes all of the limitations of claim 2, amended claim 1 is in condition for allowance.

Because claim 5 contains allowable subject matter and amended claim 4 includes all of the limitations of claim 5, the amended claim 4 is in condition for allowance.

35 U.S.C. § 103 Rejections

Claims 1 and 6 were rejected under 35 U.S.C. 103(a) as being unpatentable over Miller et al. (U.S. Patent No. 6,229,563 B1) ("Miller") in view of Kennedy et al. (U.S. Patent No. 4,695,881 A) ("Kennedy") in view of Gin (U.S. Patent No. 6,912,007 B2) ("Gin").

Miller was deemed to disclose a plug-in furnace and kiln-oriented video camera, comprising: a body of a video camera, a video recorder (23), wherein the body of a video camera comprises a video camera (19), a pick-up gun (16), a pipe-typed cooler (9), a sealing device (15), a sight hole (21), a blow-down ring (22), wherein the video camera (19) is installed at a front end of pick-up gun (16), a ring gap 28 of video camera (19) is formed between blow-down ring (22) and video camera (19); a doublet sealing structure of valve (13) and sealing sheath (15); a double gas protection for blow-down wind through the ring gap via an inner wind from sight hole (21) and an outside blow-

down from sight hole (21); a video recorder (23) and monitor (24) are placed outside the furnace shell, connected through a cable line to the video camera (19) and the temperature measurement element (20).

Claim 1 has been amended to incorporate the limitations of claim 2 and as such is in condition for allowance over the art of record. Claims 3 and 6 depend from amended claim 1 and as such are also in condition for allowance.

Claim 4 was rejected as being unpatentable over Miller in view of Kennedy in view of Lemelson et al. (U.S. Publication No. 2001/0014436 A1) ("Lemelson"). Claim 4 has been amended to include the limitations of claim 5 and as such is in condition for allowance over the art of record.

CONCLUSION

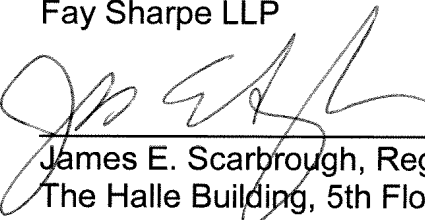
Based on the above amendments and remarks, the applicant submits that the amended claims possess novelty and inventive step. The applicant respectfully requests reconsideration, reexamination and allowance of the claims. Should the examiner have any questions or concerns, it is requested that one more chance be given to the applicant to submit the arguments/remarks.

For the reasons detailed above, it is respectfully submitted all claims remaining in the application (Claims 1, 3, 4 and 6) are now in condition for allowance.

Respectfully submitted,

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9/23/09
Date


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